

Delaware River Flow and Storage Data - April 2004 Summary

DAY	Delaware @ Montague (CFS)		Lehigh River @			Delaware @ Trenton (CFS)		Schuylkill River @				New York City Delaware River Basin Storage	
	8:00 AM	MEAN	Lehigh FLOW (CFS)	Bethl FLOW (CFS)	Easton MIN DO (MG/L)	8:00 AM	MEAN	Phila (CFS)	Potts (CFS)	Max Temp	Front River Mile	BG	%CAP
										Degrees C Vincent Dam			
1-Apr	7,930	8,180	1,210	2,110		15,900	15,900	3,050	1,700		69	268.339	99.1%
2-Apr	10,100	10,000	1,230	2,240		15,900	15,900	3,080	1,830		69	269.641	99.6%
3-Apr	9,850	9,610	1,200	2,150		17,700	17,800	4,230	1,860		70	270.583	99.9%
4-Apr	8,180	8,420	1,180	2,090		17,400	17,200	4,080	1,890		70	271.099	100.1%
5-Apr	7,530	8,070	1,140	2,020		15,900	15,600	4,270	1,760		70	271.447	100.2%
6-Apr	7,840	7,740	793	1,730		14,400	14,400	3,010	1,550		70	271.748	100.3%
7-Apr	7,210	6,870	998	1,740		14,200	13,700	2,530	1,450		70	272.188	100.5%
8-Apr	6,150	6,180	943	1,790		13,600	13,100	2,350	1,440		69	272.359	100.6%
9-Apr	5,960	6,070	891	1,820		12,300	12,200	2,490	1,600		69	272.097	100.5%
10-Apr	5,980	5,600	854	1,680		12,000	11,800	2,570	1,500		69	271.865	100.4%
11-Apr	4,560	4,700	832	1,610		11,300	11,200	2,230	1,390		69	271.658	100.3%
12-Apr	4,150	4,200	834	1,650		10,100	9,990	2,310	1,390		69	271.467	100.2%
13-Apr	4,780	5,440	1,140	2,560		12,800	14,300	6,870	2,740		69	271.597	100.3%
14-Apr	8,080	9,400	1,710	3,160		21,700	21,800	9,240	4,150		69	272.500	100.6%
15-Apr	11,300	11,100	1,980	3,470		27,800	26,300	9,250	4,830		69	272.891	100.8%
16-Apr	9,460	9,500	1,790	3,320		24,800	24,200	6,250	3,770		68	272.849	100.7%
17-Apr	8,330	8,270	1,330	2,710		20,900	20,300	4,960	3,200		68	272.633	100.7%
18-Apr	7,120	7,040	1,260	2,550		17,800	17,500	4,410	2,880		67	272.479	100.6%
19-Apr	6,460	6,460	1,090	2,330		16,100	15,800	4,120	2,610		66	272.475	100.6%
20-Apr	6,210	6,170	951	2,130		14,500	14,300	3,670	2,330		65	272.474	100.6%
21-Apr	5,900	5,860	956	2,060		13,600	13,500	3,290	2,210		64	272.300	100.5%
22-Apr	5,770	5,440	944	2,000		13,000	12,800	3,110	2,120		64	271.851	100.4%
23-Apr	5,340	5,440	1,020	1,990		12,400	12,200	3,010	2,050		63	271.628	100.3%
24-Apr	6,540	6,420	1,100	2,050		11,800	11,900	3,340	2,080		62	271.699	100.3%
25-Apr	6,150	5,950	1,070	1,990		12,700	12,600	2,860	1,860		62	271.555	100.3%
26-Apr	5,450	6,060	1,450	2,720		13,000	13,600	4,240	3,650		63	271.839	100.4%
27-Apr	11,500	11,600	1,940	3,270		20,500	19,500	10,600	4,230		63	272.965	100.8%
28-Apr	10,900	10,700	2,220	3,260		22,200	21,900	5,720	3,380		63	273.203	100.9%
29-Apr	9,230	9,150	1,810	2,920		20,000	19,600	4,450	2,710		64	273.160	100.9%
30-Apr	8,300	8,270	1,240	2,350		17,200	16,900	3,720	2,440		65	272.910	100.8%
April Avg	7,409	7,464	1,237	2,316		16,117	15,926	4,310	2,420				
Normal		11,385	1,753	3,648			20,105	3,584	2,680		61		
% of Normal		65.6%	70.6%	63.5%			79.2%	120.3%	90.3%				

NYC 24-hr Reservoir Observations: April 30, 8 am						DIRECTED RELEASES (CFS)		Summary of NYC Storage Observations for April 30					
	Precip (IN.)	Usable (BG)	Storage (%)	Draft (MG)	Directed Rel (MG)	Blue Marsh	0	NYC Daily Storage (BG)=	272.910	100.8%			
Neversink	0.00	34.023	97.4%	381	0	Beltzville	0	NYC Daily Storage Median (BG)=	270.899	100.0%			
Pepacton	0.00	141.282	100.8%	0	0	F.E. Walter	0	BG Above NYC Daily Storage Median =	2.011	0.74%			
Cannonsville	0.00	97.605	102.0%	0	0	Merrill Cr	0	BG Above Drought Watch =	83.440				
Rondout	0.00	48.618	98.0%	732	0	NYC Res.- Excess Bank	0	BG Above Drought Warning =	99.440				
						NYC Res.- Excess Bank	0	BG Above Drought =	123.440				
						Lake Wallenpaupack	0	BG Above One Year Ago =	0.691				

DAILY USABLE STORAGE 4/30/04		
	VOL. (BG)	%CAP
Blue Marsh	6.63	102.0
Beltzville	13.17	101.3

Note: As of April 1, Blue Marsh Reservoir's percent storage capacity is based upon a summer pool usable storage capacity of 6.5 bg.

Storage data provided by New York City Department of Environmental Protection, Bureau of Water Supply.
Chloride data provided by U.S. Geological Survey and Kimberly Clark Corporation.
Lower Basin reservoir storage data provided by Philadelphia District Corps of Engineers.

- ^a Based on the location of the 7-day average chloride concentration of 250 milligrams/liter (mg/L).
- ^b Releases from F.E. Walter are requested from the U.S. Army Corps of Engineers and are made from the reservoir's temporary drought storage.
- ^c Directed releases from Lake Wallenpaupack are estimated values supplied by PPL.
- ^d Percent of usable storage available.

BG=Billion Gallons; MG= Million Gallons; CFS=Cubic Feet per Second
ESTIMATES OF THE SALT FRONT ARE BASED ON PROVISIONAL DATA AND ARE SUBJECT TO CHANGE

- NOTES:**
- The salt front river mile location will be updated as chloride data is received.
 - Normal flow values represent median of monthly means for 1971-2000, except for the Lehigh River at Lehighton. For Lehighton, normal flow values represent the median of monthly means for 1983-2000 (the entire period of record for the station).